

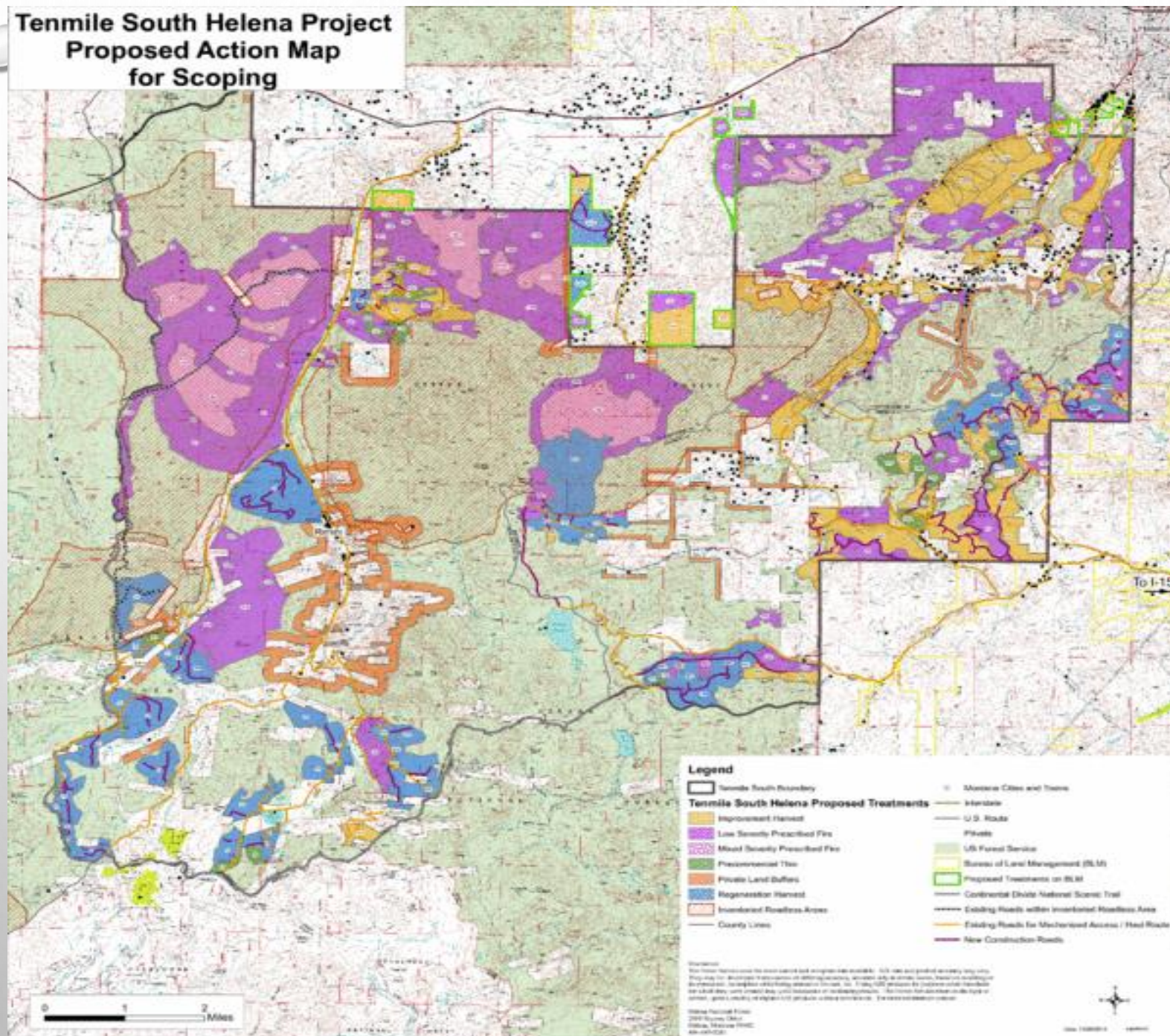
The background of the entire page is decorated with numerous realistic water droplets of various sizes. Some are large and prominent, while others are small and subtle. They are scattered across the page, with a higher concentration in the top-left and bottom-right corners, creating a fresh and natural aesthetic.

# THE TENMILE/SOUTH HELENA FOREST RESTORATION COLLABORATIVE

REPORT TO CITY OF HELENA  
JANUARY 4, 2017

BY JOE COHENOUR-CHAIR

# Tenmile South Helena Project Proposed Action Map for Scoping



# TSH-COLLABORATIVE

- ALDO LEOPARD STATED THAT;
  - "CONSERVATION IS A STATE OF HARMONY BETWEEN MEN AND LAND."
  - RESOLUTION NO. 20106
  - SIGNED JULY 21, 2014
- OPEN MEETINGS-PUBLIC COMMENT TAKEN
  - NOTICED TO PUBLIC, ON HLN WEBSITE
  - OPERATE BY CONSENSUS.



# TSH-COLLABORATIVE MEMBERS

- **CHAIR, JOE COHENOUR**  
ROCKY MOUNTAIN ELK FOUNDATION  
(1) REPRESENTING: CONSERVATION ORGANIZATION
- **VICE CO-CHAIR, MIKE BISHOP**  
(2) REPRESENTING: CITIZEN AT LARGE
- **VICE CO-CHAIR, JORDAN ALEXANDER**  
BAXENDALE FIRE DEPARTMENT  
(3) REPRESENTING: FIRE COMMUNITY
- **RON ALLES**, CITY MANAGER OR **BRAD LANGSATHER**  
(4) REPRESENTING: CITY OF HELENA
- **ANGIE GROVE**  
(5) REPRESENTING: RECREATIONAL USER COMMUNITY

# TSH-COLLABORATIVE MEMBERS

- **JEFF CHAFFEE**  
BISON ENGINEERING  
(6) REPRESENTING: COMMERCIAL USE ORGANIZATION
- **GARY MARKS**, MARKS-MILLER POST AND POLE  
(7) REPRESENTING: COMMERCIAL USE ORGANIZATION
- **MIKE MURRAY**, L&C COUNTY COMMISSIONER  
(8) REPRESENTING: L&C COUNTY
- **DOUG POWELL**  
(9) REPRESENTING: CITIZEN AT LARGE
- **CORY KIRSCH**, JEFFERSON COUNTY COMMISSIONER  
(10) REPRESENTING: JEFFERSON COUNTY
- **ELEANOR MORRIS**, THE NATURE CONSERVANCY  
(11) REPRESENTING: CONSERVATION ORGANIZATION

# TSHC-OBJECTIVES

- "A) PROVIDE RECOMMENDATIONS TO THE STATE AND FEDERAL AGENCIES ON PROJECTS BEING PROPOSED IN THE TEN MILE MUNICIPAL WATERSHED AND SOUTH HELENA AREA. THIS MAY INCLUDE WATERSHED RESTORATION, VEGETATION MANAGEMENT, WILDFIRE MITIGATION, MINE RECLAMATION, RECREATION, AND OTHER PROJECTS
- B) IDENTIFY POTENTIAL PROJECT DESIGN AND IMPLEMENTATION ISSUES, AND SEEK SOLUTIONS EARLY IN THE SITE SELECTION AND PROJECT PLANNING PROCESSES;
- C) OFFER THE AGENCY INPUT/KNOWLEDGE REGARDING THE POTENTIAL EFFECTS OF A PROPOSED ACTION OR ACTIVITY

# TSH-COLLABORATIVE

- THE COLLABORATIVE WORKED HARD TO BALANCE THE NEEDS OF;
  - WILDLANDS URBAN INTERFACE (WUI)
    - HONOR THE CHARACTERISTICS OF THE TWO IRA'S (*LAZYSAN & JERICHO*)
    - RECOGNIZE THE HAZARDS CREATED BY THE *MTN PINE BEETLE* INFESTATION
      - IN TERMS OF WILDLAND FIREFIGHTER SAFETY AND
    - THE POPULAR USE OF THE CONTINENTAL DIVIDE TRAIL SYSTEM (CDT).


# TSH-COLLABORATIVE

- HIRED **ECOSYSTEM RESEARCH GROUP** (ERG) AS FACILITATOR
  - MET 19 TIME OVER 15 MONTHS
- NOT COUNTING MEETINGS BETWEEN THE LEADERSHIP TEAM AND ERG.
- INVESTED OVER 530 HOURS ON INITIAL ALT 2 & 3 RECOMMENDATIONS.
  - FEB 5<sup>TH</sup> RELEASED 853 PAGE DEIS
  - BROKE DEIS INTO 10 SUB-GROUPS
- FORWARDED 36 RECOMMENDATIONS TO USFS FOR CONSIDERATION.





## SUB GROUPS FOR COMMENT

1. FIRE & FUEL
  2. HYDROLOGY
  3. RECREATION USE
  4. WATERSHED PROTECTION
  5. PROTECTION FOR THREATENED, ENDANGERED & SENSITIVE SPECIES
  6. PUBLIC SAFETY
  7. INVENTORIED ROADLESS AREAS (IRA'S)
  8. TRANSPORTATION
  9. AIR QUALITY
  10. SOCIOECONOMIC INPUTS
- 

# TSH-COLLABORATIVE

- NOVEMBER 14, 2016-USFS RELEASED ALT 4 AFTER RECEIVING PUBLIC COMMENT
  - TSH-C MET 3 TIMES OVER 21 DAYS
    - 2 ½ HOURS EACH.
- FORWARDED 17 EXISTING RECOMMENDATIONS
- FORWARDED ANOTHER 10 NEW RECOMMENDATIONS

**Table 3: Proposed treatments on Forest Service and Bureau of Land Management Combined lands combined and associated acres by alternative.**

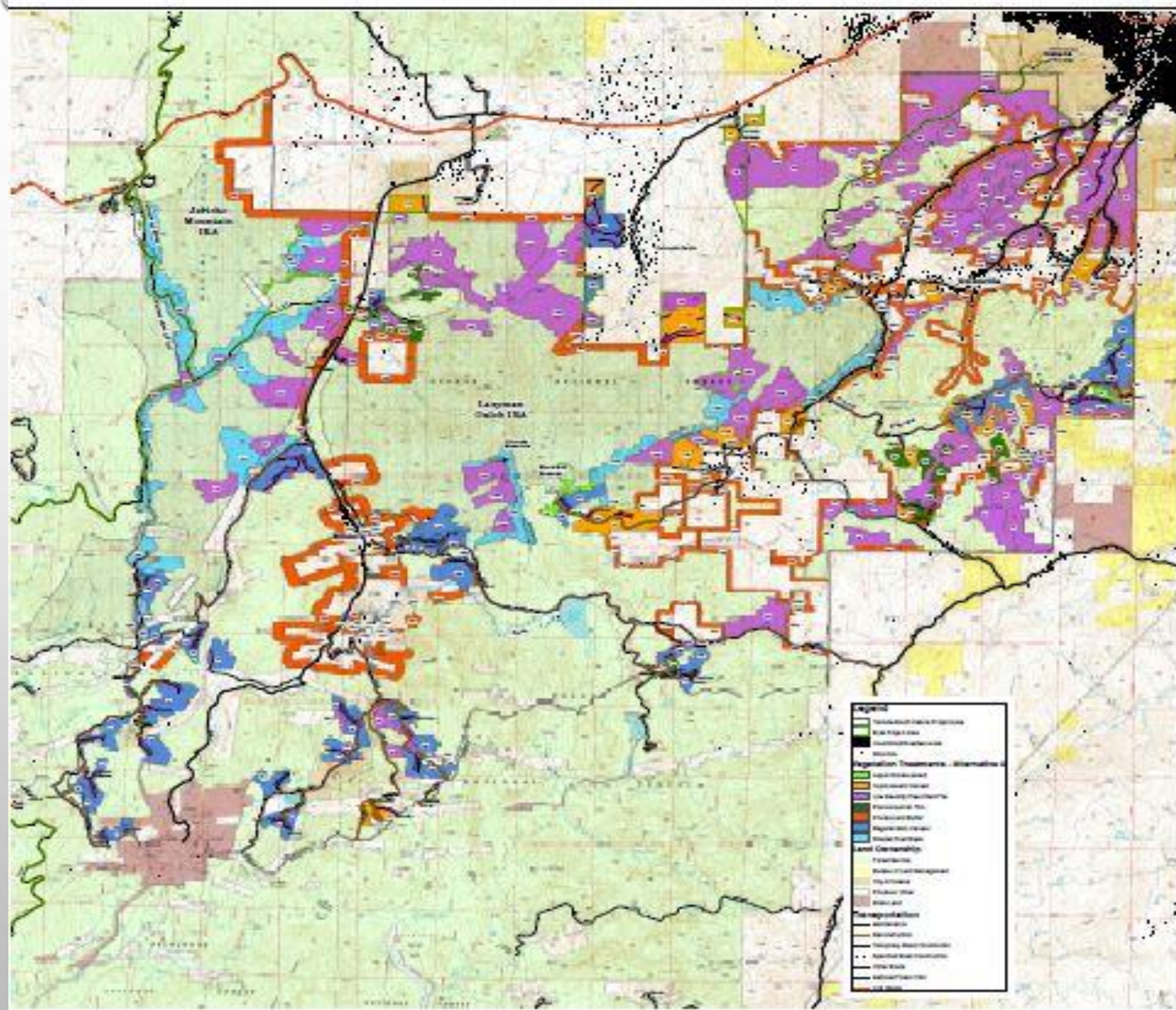
Treatment Type (Forest Service and Bureau of Land Management Combined)		Prescription	Alt. 1 Acres	Alt. 2 Acres	Alt. 3 Acres	Alt. 4 Acres
Commercial Removal of Fuels	Improvement Harvest	Improvement Cut followed by jackpot burn or underburn	0	2,483	1,382	923
	Regeneration Harvest	Clearcut with Leave Trees and site prep burn	0	3,573	2,348	2,632
		Seed Tree with Leave Trees and site prep burn	0	298	0	0
		Shelterwood with Leave Trees and site prep burn	0	363	102	76
Non-Commercial Removal or Rearrangement of Fuels	Prescribed Fire	Shaded Fuel Break (handpile burn, jackpot burn or underburn)	0	1,415	1,282	2,116
		Low Severity Grassland Prescribed Fire (jackpot or handpile burn)	0	0	1,662	0
		Low Severity Prescribed Fire (jackpot burn or underburn)	0	11,900	7,952	7,567
		Mixed Severity Prescribed Fire (broadcast Burn)	0	1,714	656	0
	Private Land Buffers	Mechanical/Hand Pile Burn or jackpot Burn	0	2,091	2,283	4,937
	Precommercial Thin	Precommercial Thin with handpile burn or Jackpot burn	0	471	445	350
	Aspen Enhancement	Rearrangement of Fuels, Handpile or Jackpot Burn	0	0	0	188
<b>Total</b>			<b>0</b>	<b>24,308</b>	<b>18,112</b>	<b>18,789</b>

**Table 4: Proposed road activities and associated miles by alternative**

Road Activity	Alt. 1 Miles	Alt. 2 Miles	Alt. 3 Miles	Alt. 4 Miles
Forest Service New Temporary Road Construction	0	39	21	12
Bureau of Land Management New Temporary Road Construction	0	4	3	6
Road Reconstruction	0	32	28	15
Road Maintenance	0	6	4	31
<b>Road Closure/Decommissioning*</b>				
Barrier Only	0	na	na	6
Barrier and Storage	0	na	na	2
Emergency Access Route	0	na	na	11
Full Obliteration	0	15	15	32
Obliteration with non-motorized system trail	0	na	na	6
Obliteration with non-system, non-motorized single track	0	na	na	4



# Tenmile-South Helena Project Alternative 4





# TSH-COLLABORATIVE FUTURE PLANS

- MAY 2017, ASK FOR RE-AUTHORIZATION
- LIFE OF TSH PROJECT IS 15-20 YEARS.
- MONITOR MANAGEMENT PROJECTS
  - MONITOR CDT RECLIMATION
- HELENA-LEWIS & CLARK FOREST PLAN

# TSH-COLLABORATIVE

- THANK YOU TO
  - **VOLUNTEER** MEMBERS OF THE COLLABORATIVE
    - **SARAH ELKINS**
    - **BRAD LANGSATHER**

• QUESTIONS?